

BRS 5 (phase near1 conjugate near1 conver\$6) same wavelength USPAT
 2002/11/16 10:48 0
 BRS 1 6122419.pn. USPAT 2002/11/17 20:51 0
 BRS 0 6122419.pn. and (signal with demultiplexer with output) USPAT
 2002/11/16 11:29 0
 BRS 0 6122419.pn. and (signal with demultiplexer) USPAT 2002/11/16
 11:30 0
 BRS 1 6122419.pn. and (signal with output) USPAT 2002/11/16 11:51
 0
 BRS 1 6122419.pn. and ((four or "4") with wave) USPAT 2002/11/16
 11:51 0
 BRS 0 6122419.pn. and (mix\$6) USPAT 2002/11/16 11:52
 0
 BRS 62 (four with wave with mixing) and 385/\$.ccls. and demultiplex\$4
 USPAT 2002/11/16 14:00 0
 BRS 4 ((four with wave with mixing) and 385/\$.ccls. and demultiplex\$4) and
 (AWG or Dragone) USPAT 2002/11/16 12:20 0
 BRS 1 6324318.URPN. USPAT 2002/11/16 12:49
 0
 BRS 0 6292603.URPN. USPAT 2002/11/16 12:50
 0
 BRS 6 ("5048909" | "5093876" | "5978114" | "5982518" | "6122418" |
 "6188823").PN. USPAT 2002/11/16 12:51 0
 BRS 6 ((four with wave with mixing) same (AWG or grating)) and 385/\$.ccls.
 and demultiplex\$4 USPAT 2002/11/16 13:21 0
 BRS 4 ((four with wave with mixing) and 385/\$.ccls. and demultiplex\$4) and
 ((four with wave with mixing) with \$9conjugate) USPAT 2002/11/16 13:40
 0
 BRS 39 ((four with wave with mixing) and 385/\$.ccls. and demultiplex\$4) and
 polariz\$9 USPAT 2002/11/16 14:03 0
 BRS 11 ((four with wave with mixing) and 385/\$.ccls. and demultiplex\$4) and
 (polariz\$9 with beam with split\$6) USPAT 2002/11/16 19:01
 0
 BRS 0 6122419.pn. and (polariz\$9 same split\$6) USPAT 2002/11/16
 15:00 0
 BRS 10 ((four with wave with mixing) and 385/\$.ccls. and demultiplex\$4) and
 (polariz\$9 near2 split\$6) USPAT 2002/11/16 15:33 0
 BRS 1929 (polariz\$9 near2 split\$6) with wave\$6 with plate USPAT
 2002/11/16 15:37 0
 BRS 89 ((polariz\$9 near2 split\$6) with wave\$6 with plate) and 385/\$.ccls.
 USPAT 2002/11/16 15:38 0
 BRS 1792 (polariz\$9 adj1 beam adj1 split\$6) with wave\$6 with plate USPAT
 2002/11/16 15:37 0
 BRS 70 ((polariz\$9 adj1 beam adj1 split\$6) with wave\$6 with plate) and
 385/\$.ccls. USPAT 2002/11/16 15:39 0

BRS	70	((polariz\$9 adj1 beam adj1 split\$6) with wave\$6 with plate) and 385/\$.ccls.	USPAT	2002/11/16 15:39	0
BRS	0	6122419.pn. and (circulator with plate)	USPAT	2002/11/16 16:27	0
BRS	1	6122419.pn. and (circulator same plate)	USPAT	2002/11/16 15:43	0
BRS	0	6122419.pn. and (clock with plate)	USPAT	2002/11/16 16:28	0
BRS	1	6122419.pn. and (clock)	USPAT	2002/11/16 16:29	0
BRS	0	6122419.pn. and (clk) USPAT	2002/11/16 17:09	0	
BRS	0	6122419.pn. and (polariz\$9 near2 fiber)	USPAT	2002/11/16 17:10	0
BRS	0	6122419.pn. and (panda)	USPAT	2002/11/16 17:10	0
BRS	1	6122419.pn. and (maintaining)	USPAT	2002/11/16 19:31	0
BRS	1	6122419.pn. and (compensat\$6 same dispers\$6)	USPAT	2002/11/16 18:24	0
BRS	1	6307984.pn. USPAT	2002/11/16 18:00	0	
BRS	1	6122419.pn. and (transmission adj1 line)	USPAT	2002/11/16 23:03	0
BRS	0	6122419.pn. and (locat\$6 adj1 line)	USPAT	2002/11/16 18:30	0
BRS	2	(fiber adj1 loop adj1 mirror) with circulator	USPAT	2002/11/16 19:02	0
BRS	1	6122419.pn. and (output with modulator)	USPAT	2002/11/16 19:32	0
BRS	2	AWG with phase\$3 same (nonlinear or non-linear) and 385/\$.ccls.	USPAT	2002/11/17 00:16	0
BRS	19	AWG with phase\$3 and 385/\$.ccls.	USPAT	2002/11/16 23:06	0
BRS	1	6122419.pn. and (phase\$3 with (AWG or grating or array))	USPAT	2002/11/16 23:55	0
BRS	0	conjugat\$6 with (AWG or grating or array) and 385/\$.ccls, USPAT	2002/11/16 23:18	0	
BRS	66	conjugat\$6 with (AWG or grating or array) and optic\$6 and waveguide	USPAT	2002/11/16 23:18	0
BRS	1	6122419.pn. and ((array\$3 or AWG) same (\$6linear or \$6order))	USPAT	2002/11/16 23:56	0
BRS	6	AWG with diffraction with order and 385/\$.ccls.	USPAT	2002/11/17 00:20	0
BRS	3	(nonlinear or non-linear) with diffraction with order and 385/\$.ccls.	USPAT	2002/11/17 00:21	0

BRS 3 (nonlinear or non-linear) with diffraction with order and 385/\$.ccls.
 USPAT 2002/11/17 00:22 0
 BRS 0 (nonlinear or non-linear) with diffraction with order same (AWG or
 (arrayed with waveguide)) USPAT 2002/11/17 00:23 0
 BRS 43 Dragone and (diffraction with order) USPAT 2002/11/17 15:02
 0
 BRS 0 (average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6) USPAT 2002/11/17 15:04 0
 BRS 73 (average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6) USPAT 2002/11/17 15:22 0
 BRS 4 ((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and average with product USPAT 2002/11/17 15:06
 0
 BRS 3 ((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and (AWG or AGR or (arrayed with grating) or Dragone) USPAT
 2002/11/17 15:13 0
 BRS 3 ((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and (AWG or AGR or (arrayed with grating)) USPAT
 2002/11/17 15:13 0
 BRS 50 ((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and (line with (length or distance)) USPAT 2002/11/17 15:27
 0
 BRS 35 ((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and repeater USPAT 2002/11/17 15:36 0
 BRS 23 ((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and (repeater same power) USPAT 2002/11/17 15:37
 0
 BRS 15 ((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and repeater with (spacing or segment or length) USPAT
 2002/11/17 15:39 0
 BRS 13 (((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and (repeater same power)) and (((average with power) and (long\$6 with
 transmission with line) and (fiber near1 optic\$6)) and repeater with (spacing or segment
 or length)) USPAT 2002/11/17 15:38 0
 BRS 37 ((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and (repeater or regenerator) USPAT 2002/11/17 15:36
 0
 BRS 15 ((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and (repeater or regenerator) with (spacing or segment or length)
 USPAT 2002/11/17 15:37 0
 BRS 23 ((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and ((repeater or regenerator) same power) USPAT 2002/11/17
 15:40 0
 BRS 13 (((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and (repeater or regenerator) with (spacing or segment or length)) and
 (((average with power) and (long\$6 with transmission with line) and (fiber near1

optic\$6)) and ((repeater or regenerator) same power)) USPAT 2002/11/17
 15:39 0

BRS 14 (((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and repeater with (spacing or segment or length or span)) and ((repeater
 or regenerator) same power) USPAT 2002/11/17 15:40 0

BRS 16 (((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and repeater with (spacing or segment or length or span)) and ((nonlinear
 or non-linear) or (high\$3 with order)) USPAT 2002/11/17 15:49
 0

BRS 0 (((((average with power) and (long\$6 with transmission with line) and
 (fiber near1 optic\$6)) and repeater with (spacing or segment or length or span)) and
 ((nonlinear or non-linear) or (high\$3 with order))) and (uniform\$7 with dispers\$6)
 USPAT 2002/11/17 15:50 0

BRS 0 (((((average with power) and (long\$6 with transmission with line) and
 (fiber near1 optic\$6)) and repeater with (spacing or segment or length or span)) and
 ((nonlinear or non-linear) or (high\$3 with order))) and (homogen\$9 with dispers\$6)
 USPAT 2002/11/17 15:50 0

BRS 1 ((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and (homogen\$9 with dispers\$6) USPAT 2002/11/17 15:53
 0

BRS 0 (long\$6 with transmission with line) and ((homogen\$9 with uniform\$9)
 with dispers\$6) and (optic\$6 with fiber) USPAT 2002/11/17 15:57
 0

BRS 0 (long\$6 with transmission) and ((homogen\$9 with uniform\$9) with
 dispers\$6) and (optic\$6 with fiber) USPAT 2002/11/17 15:56
 0

BRS 1 (long\$6 with line) and ((homogen\$9 with uniform\$9) with dispers\$6) and
 (optic\$6 with fiber) USPAT 2002/11/17 15:57 0

BRS 2 (transmission with line) and ((homogen\$9 with uniform\$9) with
 dispers\$6) and (optic\$6 with fiber) USPAT 2002/11/17 15:57
 0

BRS 18 (long\$6 with transmission with line) and ((homogen\$9 or uniform\$9) with
 dispers\$6) and (optic\$6 with fiber) USPAT 2002/11/17 15:59
 0

BRS 14 (((long\$6 with transmission with line) and ((homogen\$9 or uniform\$9)
 with dispers\$6) and (optic\$6 with fiber)) and power USPAT 2002/11/17 16:16
 0

BRS 6 (((long\$6 with transmission with line) and ((homogen\$9 or uniform\$9)
 with dispers\$6) and (optic\$6 with fiber)) and power) and coefficient USPAT
 2002/11/17 16:17 0

BRS 16 ((average with power) and (long\$6 with transmission with line) and (fiber
 near1 optic\$6)) and repeater with (spacing or segment or length or span) USPAT
 2002/11/17 17:45 0

BRS 150 spacing with repeater and (385/\$.ccls. or 359/\$.ccls.) USPAT
 2002/11/17 17:47 0

BRS 71 (spacing with repeater and (385/\$.ccls. or 359/\$.ccls.)) and transmission
 with line USPAT 2002/11/17 17:48 0
 BRS 11 ((spacing with repeater and (385/\$.ccls. or 359/\$.ccls.)) and transmission
 with line) and spacing with equal\$6 USPAT 2002/11/17 17:48
 0
 BRS 1 6122419.pn. and (filter with polar\$9)USPAT 2002/11/17 21:06
 0
 BRS 0 (polarization with beam with splitter with ports) same circulator same
 (PMF or PANDA or PPF) USPAT 2002/11/17 21:09 0
 BRS 0 (polarization with beam with splitter) same ports same circulator same
 (PMF or PANDA or PPF) USPAT 2002/11/17 21:42 0
 BRS 1 (polarization with beam with splitter) and (ports same circulator same
 (PMF or PANDA or PPF)) USPAT 2002/11/17 21:21 0
 BRS 1 (beam with splitter) and (ports same circulator same (PMF or PANDA or
 PPF) same polariz\$9) and (polariz\$9 with beam with splitter) USPAT
 2002/11/17 21:25 0
 BRS 1 (beam with splitter) and (ports same circulator same (PMF or PANDA or
 PPF) same polariz\$9) and (polariz\$9 with splitter) USPAT 2002/11/17 21:48
 0
 BRS 12 (polariz\$9 near2 splitter) same (PMF or PANDA or PPF) USPAT
 2002/11/17 21:42 0
 BRS 1 ((beam with splitter) or PBS) and (ports same circulator same (PMF or
 PANDA or PPF) same polariz\$9) and (polariz\$9 with splitter) USPAT
 2002/11/17 21:55 0
 BRS 0 ((linear adj1 polariz\$3) or PBS) and (ports same circulator same (PMF or
 PANDA or PPF) same polariz\$9) and (polariz\$9 with splitter) USPAT
 2002/11/17 21:55 0

 BRS 66 conjugat\$6 with (AWG or grating or array) and optic\$6 and waveguide
 USPAT 2002/11/16 23:28 0

 BRS L13 1 6122419.pn. and (filter with polar\$9)USPAT 2002/11/17
 21:06 0
 BRS L14 0 (polarization with beam with splitter with ports) same circulator
 same (PMF or PANDA or PPF) USPAT 2002/11/17 21:09
 0
 BRS L15 0 (polarization with beam with splitter) same ports same circulator
 same (PMF or PANDA or PPF) USPAT 2002/11/17 21:42
 0
 BRS L16 1 (polarization with beam with splitter) and (ports same circulator
 same (PMF or PANDA or PPF)) USPAT 2002/11/17 21:21
 0
 BRS L17 1 (beam with splitter) and (ports same circulator same (PMF or
 PANDA or PPF) same polariz\$9) and (polariz\$9 with beam with splitter) USPAT
 2002/11/17 21:25 0

BRS L18 1 (beam with splitter) and (ports same circulator same (PMF or
 PANDA or PPF) same polariz\$9) and (polariz\$9 with splitter) USPAT
 2002/11/17 21:48 0
 BRS L19 12 (polariz\$9 near2 splitter) same (PMF or PANDA or PPF)
 USPAT 2002/11/17 21:42 0
 BRS L20 1 ((beam with splitter) or PBS) and (ports same circulator same
 (PMF or PANDA or PPF) same polariz\$9) and (polariz\$9 with splitter) USPAT
 2002/11/17 21:55 0
 BRS L21 0 ((linear adj1 polariz\$3) or PBS) and (ports same circulator same
 (PMF or PANDA or PPF) same polariz\$9) and (polariz\$9 with splitter) USPAT
 2002/11/17 23:12 0
 BRS L22 0 6411413.URPN. USPAT 2002/11/17 22:26
 0
 BRS L23 3 6122419.pn. or 6307984.pn. or 6411413.pn. USPAT
 2002/11/17 23:12 0